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PTO/SB/21 (01-03)

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09/539,966

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

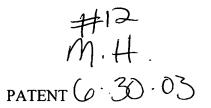
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Application Number ·

TRANSMITTAL	Filing Date	March 31, 2000				
FORM	First Named Inventor	Stephen D. MacArthur				
\ (to be used for all correspondence after initial	filing) Art Unit	2182				
	Examiner Name	Mike Nguyen				
Total Number of Pages in This Submission	77 Attorney Docket Number	EMC2-044PUS (formerly 07072-101001)				
<u> </u>	ENCLOSURES (Check all that a	apply)				
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority	Assignment Papers (for an Application) Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addres Terminal Disclaimer Request for Refund	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Return Receipted Postcard PTO/SB/08A 3 cited references Letter Copy of Incorrect Transmittal, PTO/SB/21 RECEIVED				
Document(s) Response to Missing Parts/	CD, Number of CD(s)	JUN 1 8 2003				
Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	charge deposit account No. 50-0845 fo					
	TURE OF APPLICANT, ATTORNE	- · · · · · · · · · · · · · · · · · · ·				
Firm or Individual Date Richard M. Sharkansky Reg. No. 25,800 Daly, Growley & Mofford, LLP Signature Date						
CERTIFICATE OF TRANSMISSION/MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Group Art Unit 2182, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:						
Typed or printed Judit	h C. Tarrant					
Signature Judical	C Farrant	Date 6/12/03				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Stephen D. MacArthur

Appl. No.:

09/539,966

Filed

March 31, 2000

Entitled

DATA STORAGE SYSTEM HAVING

SEPARATE DATA TRANSFER SECTION AND

MESSAGE NETWORK WITH PLURAL DIRECTORS ON A COMMON PRINTED

CIRCUIT BOARD

Docket

EMC2-044PUS (formerly 07072-

101001)

Group Art Unit: 2182

Examiner: Mike Nguyen

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Technology Center 2100

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Date of Signature and Mail Deposit

By: Judith C. Tarrent

INFORMATION DISCLOSURE STATEMENT

Mail Stop Group Art Unit 2182 Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO/SB/08A (formerly Form 1449). The paragraph(s) marked below are applicable to this Information Disclosure Statement.

Appl. No.: 09/539,966

Filed: March 31, 2000

Atty. Docket No.: EMC2-044PUS

(formerly 07072-101001)

[] (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

[X] (2) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSION UNDER 37 C.F.R. § 1.97(e) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

[] (3) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

[] (4) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The

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undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(1)

[] (5) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(2)

[] (6) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the

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(formerly 07072-101001)

accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

Dated: 6-12-03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	09/539,966		
Filing Date	March 31, 2000		
First Named Inventor	Stephen D. MacArthur		
Art Unit	2182		
Examiner Name	Mike Nguyen		
Attack District			

Sheet 1 of 1 Attorney Docket Number EMC2-044PUS (formerly 07072-101001

Examiner	Cite No.1	Document Number	Document Number Publication Date MM-DD-YYYY Number-Kind Code ^{2 (f known)}	Name of Patentee or	Pages, Columns, Lines, Where
Initials*		Number-Kind Code ^{2 (# known)}		Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
· ·		^{US-} 4,636,948	01/13/1987	Gdaniec et al.	
		^{US-} 5,166,674	11/24/1992	Baum et al.	
		^{US-} 5,799,209	08/25/1998	Chatter	
		US-			***************************************
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	ials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			۳⁵
						<u> </u>
						<u> </u>

Examiner		Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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